

**CLAIMS**

1. Cold sealable barrier paper consisting of an actual support paper printed on the face side thereof and having a sealable layer on the whole or on one part of the reverse side thereof, characterized in that it further has, on the face side thereof, a water vapour barrier layer comprising a mixture of acrylic polymers as an emulsion, the total acid number of which is between 30 and 65, the mixture comprising less than 5% of wax by weight.
- 10 2. Cold sealable barrier paper according to claim 1, characterized in that the water vapour barrier layer is positioned directly in contact with the printing and has a mass of between 2 and 10 g/m<sup>2</sup> as humid matter.
- 15 3. Cold sealable barrier paper according to any of claims 1 to 2, characterized in that the sealable layer is positioned directly in contact with the whole or one part of the reverse side of the actual paper.
- 20 4. Cold sealable barrier paper according to any of claims 1 to 3, characterized in that it further contains at least one oxygen and aroma barrier layer comprising an ethylene/vinyl alcohol (EVOH) copolymer or a polyvinyl alcohol (PVA) polymer, the mass of which is between 3 and 4 g/m<sup>2</sup> as dry matter and positioned either between the printing and the water vapour barrier layer, or between the actual support paper and the sealable layer.
- 25 5. Cold sealable barrier paper according to any of claims 1 to 4, characterized in that the mixture of acrylic polymers as an emulsion is a mixture of styrene acrylic polymers.
- 30 6. Cold sealable barrier paper according to any of claims 1 to 5, characterized in that the mixture of acrylic polymers further contains from 2 to 10 % by weight of resin.

7. Cold sealable barrier paper according to any of claims 1 to 6, characterized in that the mixture of acrylic polymers represents 100 % by dry weight of the layer.

5 8. Cold sealable barrier paper according to claim 4, characterized in that the ethylene/vinyl alcohol (EVOH) copolymer or the polyvinyl alcohol (PVA) represents 100 % by dry weight of the layer.

10 9. Heat sealable barrier paper consisting of an actual support paper printed or printable on the face side thereof, characterized in that it has at least on its reverse side a heat sealable and water vapour barrier layer, comprising a mixture of acrylic polymers as an emulsion, the total acid number of which is between 30 and 65, the mixture comprising less than 5 % of wax by weight.

15

10 10. Heat sealable barrier paper according to claim 9, characterized in that it further contains one oxygen and aroma barrier layer comprising an ethylene/vinyl alcohol (EVOH) copolymer or a polyvinyl alcohol (PVA) polymer, the mass of which is between 3 and 4 g/m<sup>2</sup>, between the actual paper and the water vapour barrier layer.

20

11. Heat sealable barrier paper according to claim 10, characterized in that it further contains a second water vapour barrier layer deposited directly on the printing.

25

12. Heat sealable barrier paper according to any of claims 9 or 11, characterized in that the mixture of acrylic polymers as an emulsion is a mixture of styrene acrylic polymers.

30

13. Heat sealable barrier paper according to any of claims 9 to 12, characterized in that the mixture of acrylic polymers further contains from 2 to 10 % by weight of resin.

14. Heat sealable barrier paper according to claim 9, characterized in that the mixture of acrylic polymers represents 100% by dry weight of the layer.

5

15. Heat sealable barrier paper according to claim 10, characterized in that the ethylene/vinyl alcohol (EVOH) copolymer or polyvinyl alcohol (PVA) represents 100 % by dry weight of the layer.

10

16. Confectionery barrier paper consisting of an actual twistable support paper printed on the face side thereof, characterized in that it further has, directly in contact with the printing, a water vapour barrier layer consisting of a mixture of acrylic polymers as an emulsion, the total acid number of which is between 30 and 65, the mixture comprising less than 5 % of wax by weight.

15

15

17. Confectionery barrier paper according to claim 16, characterized in that it further contains at least one oxygen and aroma barrier layer comprising an ethylene/vinyl alcohol (EVOH) copolymer or a polyvinyl alcohol (PVA) polymer, the mass of which is between 3 and 4 g/m<sup>2</sup>, positioned 20 between the water vapour barrier layer and the printing.

18. Confectionery barrier paper according to claim 16, characterized in that it has a paraffin layer on the reverse side of the support paper.

25

19. Confectionery paper according to claim 15, characterized in that the mixture of acrylic polymers as an emulsion is a mixture of styrene acrylic polymers.

30

20. Confectionery paper according to claim 16, characterized in that the mixture of acrylic polymers further contains from 2 to 10 % by weight of resin.

21. Confectionery paper according to claim 16, characterized in that the mixture of acrylic polymers represents 100 % by dry weight of the layer.

5 22. Confectionery paper according to claim 15, characterized in that the ethylene/vinyl alcohol copolymer or polyvinyl alcohol (PVA) represents 100 % by dry weight of the layer.